

**SECRET**

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17 December 1962

MEMORANDUM FOR: Assistant for Plans & Development, NPIC

THROUGH: Executive Secretary, EDC

SUBJECT: Staff Study - Addition of Indexing Counters to Contract  
[REDACTED] Panoramic Stereo  
Viewer

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1. PROBLEM: The Panoramic Stereo Viewer, being developed by [REDACTED] to be delivered on or before 15 July 1963, did not incorporate a coordinate system of numerically locating a point within the frame.

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2. ASSUMPTION: A system of indexing within each frame must be provided on viewing instruments used for photo interpretation.

3. FACTS:

a. The technical monitor for this project requested the vendor to quote a price for the addition of the indexing feature to the prototype instrument.

b. The vendor has proposed to accomplish the indexing task through the use of four Geneva wheel-type counters reading to a least count of one millimeter and an accuracy of one percent of the distance measured. An interlock will be provided on the "X" counters to disengage the counters from the drive mechanism to allow slow speeds beyond the capability of mechanical counters. This system is compatible with the grid method now used for locating targets.

c. Delay in adding the subject feature to the contract for this instrument will delay delivery of the prototype.

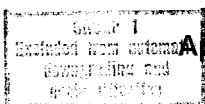
4. CONCLUSION: It is essential that a system of indexing within each frame be provided on all viewing instruments and additional funds will be required to include this feature on the Panoramic Stereo Viewer.

5. RECOMMENDATION: That the referenced contract be amended to add the Geneva wheel indexing feature as described in the vendor's letter, dated 27 November 1962. Additional funding in the amount of [REDACTED] must be added to the contract at the earliest possible date to alleviate the day-to-day delivery offset specified in the contractor's letter, attached.

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DECLASS REVIEW by NIMA/DOD

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